TECK 90
Copper FT4-ST1 600V

ElectroPower®

TECK90 | FLAME RATING FT4 ST1 | LIMITED SMOKE | HALOGEN FREE | LOW TEMP -40°C | HIGH TEMP +90°C | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED RUN | DIRECT BURIAL | HAZARDOUS LOCATION

12 AWG TECK90 600V CSA FT4-ST1

12 AWG

Part No.	Conductor Count	Bonding Conductor	Insulation Thickness		Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		AWG	in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
T6XAAUS12-2C-NH	2	14	0.030	0.76	0.302	7.7	0.392	10.0	0.674	17.1	204	304	104	47	9.4	240	30
T6XAAUS12-3C-NH	3	14	0.030	0.76	0.325	8.3	0.415	10.5	0.697	17.7	237	353	156	71	9.8	248	30
T6XAAUS12-4C-NH	4	14	0.030	0.76	0.364	9.3	0.454	11.5	0.736	18.7	275	410	208	95	10.3	262	24
T6XAAUS12-5C-NH	5	14	0.030	0.76	0.408	10.4	0.498	12.7	0.780	19.8	318	472	260	118	10.9	277	24
T6XAAUS12-6C-NH	6	14	0.030	0.76	0.426	10.8	0.546	13.9	0.828	21.0	372	554	313	142	11.6	295	24
T6XAAUS12-7C-NH	7	14	0.030	0.76	0.454	11.5	0.574	14.6	0.856	21.7	408	607	365	165	12.0	304	21
T6XAAUS12-8C-NH	8	14	0.030	0.76	0.499	12.7	0.619	15.7	0.901	22.9	450	669	417	189	12.6	320	21
T6XAAUS12-9C-NH	9	14	0.030	0.76	0.522	13.2	0.642	16.3	0.924	23.5	484	720	469	213	12.9	328	21
T6XAAUS12-10C-NH	10	14	0.030	0.76	0.550	14.0	0.670	17.0	0.984	25.0	523	779	521	236	13.8	350	21
T6XAAUS12-11C-NH	11	14	0.030	0.76	0.576	14.6	0.696	17.7	1.010	25.7	559	831	573	260	14.1	359	21
T6XAAUS12-12C-NH	12	14	0.030	0.76	0.602	15.3	0.722	18.3	1.036	26.3	594	884	625	284	14.5	368	21
T6XAAUS12-15C-NH	15	14	0.030	0.76	0.688	17.5	0.808	20.5	1.122	28.5	703	1046	781	354	15.7	399	21
T6XAAUS12-20C-NH	20	14	0.030	0.76	0.801	20.4	0.961	24.4	1.295	32.9	983	1463	1042	473	18.1	461	21
T6XAAUS12-25C-NH	25	14	0.030	0.76	0.907	23.0	1.067	27.1	1.456	37.0	1167	1736	1302	591	20.4	518	18
T6XAAUS12-30C-NH	30	14	0.030	0.76	0.973	24.7	1.133	28.8	1.522	38.7	1331	1981	1563	709	21.3	541	18
T6XAAUS12-40C-NH	40	14	0.030	0.76	1.107	28.1	1.267	32.2	1.672	42.5	1683	2504	2084	945	23.4	595	18
T6XAAUS12-50C-NH	50	14	0.030	0.76	1.249	31.7	1.409	35.8	1.814	46.1	2014	2997	2605	1181	25.4	645	15

Ampacity values based on CE Code Part I 2024, Table 2 and 5C. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 131 (Type TECK 90)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations (HL)
- CSA C22.2 No. 2556 FT4-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 and NFPA 502, Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas(AG14, Halogen-Free

Conductor	Stranded Bare Soft Copper, ASTM B8
Insulation	Cross-linked Polyethylene (XLPE) CSA Type XL 90°C dry/wet 600V
Bonding	Stranded Bare Soft Copper, ASTM B8
Armour	Aluminum (AIA) or Galvanized Steel (SIA) Interlock Armour
Jacket	Thermoplastic Low Smoke Zero Halogen Inner and Outer Jackets
Colour Code	2C Black & White, 3C Black, Red & Blue, 4C Black, Red, Blue & White, 5C - 50C Black with White Numbers

Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.
- Approved for all Hazardous Locations (HL) as per CE Code Part 2024 Section 18, when installed with approved connectors.

RoHS COMPLIANT | REACH COMPLIANCE | intertek | NFPA | SCAN or CLICK

Made In Canada

Electro cables